

N60508.AR.001960
NAS WHITING FIELD
5090.3a

LETTER AND COMMENTS FROM ALABAMA DEPARTMENT OF ENVIRONMENTAL
MANAGEMENT REGARDING TECHNICAL MEMORANDUM 1 REMEDIAL
INVESTIGATION/FEASIBILITY INVESTIGATION REPORT FOR SURFACE WATER AND
SEDIMENT BARIN NAS WHITING FIELD FL

3/10/1994

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

ADEM

**ALABAMA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**



Jim Folsom
Governor

James W. Warr, Director

March 10, 1994

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ATTN: Jeff Adams
Code 1859

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110 Vulcan Road
Birmingham, AL
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RE: Outlying Land Field Barin
Foley, AL
RI/FS
Technical Memorandum No. 1
Surface Water and Sediment Assessment

Dear Mr. Adams:

We have reviewed The Surface Water and Sediment Assessment, Technical Memorandum No. 1 for Barin Field and would like to offer ADEM's comments:

400 Well Street
P.O. Box 953
Decatur, AL
35602-0953
(205) 353-1713
FAX 340-9359

2204 Perimeter Road
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1. Table 3-2 Chemical-Specific Standards and Guidance has incorrect concentrations listed for metals/inorganics for NOAA Sediment ER-L Guidelines - The correct concentrations are mg/Kg; not μ g/Kg.
2. The statement on page 3-12, last paragraph, referring to inorganic constituents in the surface water samples collected in Sandy Creek and tabulated in table 3-4 gives an erroneous conclusion regarding both mercury and silver. Regardless of the source of mercury and silver, it exceeds MCL and is a concern which needs to be addressed.
3. Second sentence on page 3-37 indicates no guidelines currently exist for the pesticide aldrin. NOAA ER-L guideline for aldrin is 0.02 ppb.



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4. The surface water and sediment summary and conclusions section on page 4-1 is not consistent with the data presented in the report. ADEM can not concur that the contamination found can not be attributed to the OLF Barin facility. More investigations need to be conducted particularly with mercury.

If you have any questions, please contact me at (205) 260-2785.

Sincerely,

CHC

C.H. Cox
Special Projects

*as indicated in the response to
comment No. 2. Mercury and silver
were not detected in the downgradient
samples. All reported concentrations
will be evaluated in the ~~upstream~~
risk assessment for the facility.*